



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4842-1 Job Sheet 189340



Part No: D4842-1

Job Qty: 6 pcs

Part Name: Lower Cutter Deflector



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/22/19

Job Tracking No:

Due Date: 3/18/19

Created By: Dara Macdonald

Type: SOLD

Description:

Note: DWG REV B SHEET 2 IPP REV:A 13.04.26 NEW ISSUE DD VERF:JLM IPP REV:B PROCESS CHANGE
13/10/29 JFS VERIFY BY: JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Bandsaw - 1	6 pcs	3/18/19	3/18/19	0.00	2.84	Bandsaw - 1	DAS	DIP 19-02-20 19/02/21
110	HAAS 4 Axis - B4B	6 pcs	3/18/19	3/18/19	0.00	2.84	HAAS - 1 - B4B	52	
							HAAS - 2 - B4B	9-89	
							HAAS - 3 - B4B		
							HAAS - 4 - B4B		
130	QC 8	6 pcs	3/18/19	3/18/19	0.00	0.00	QC 8 - 12		A 19-02-23
							QC 8 - 14		
							QC 8 - 17		
							QC 8 - 20		
							QC 8 - 25		
							QC 8 - 3		
							QC 8 - 32		
							QC 8 - 33		
							QC 8 - 35		
							QC 8 - 38		
							QC 8 - 39		
							QC 8 - 4		
							QC 8 - 44		
							QC 8 - 45		
							QC 8 - 49		
							QC 8 - 58		
							QC 8 - 8		
							QC 8 - 9		
							QC 8 - 68		
							QC 8 - 67		
							QC 8 - 1 (A)		
140	Outsource - 4 - Anodize	6 pcs	3/18/19	3/18/19			ATG001-VC	13	C 19-02-20
150	Packaging 2-1 - Receive - B4B	6 pcs	3/18/19	3/18/19	0.00	0.00	Packaging 2 - 1 - B4B		
							Packaging 2 - 2 - B4B		



Container No: S155267



Part: D4842-1

Job No: 189340

Serial No/Batch: S155267

Revision:

Inspector:

Exp Date:

Instructions:

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 02/20/19

				Packaging 2 - 3 - B4B	
				Packaging 2 - 5 - B4B	
				Packaging 2 - 4 - B4B	
				Packaging 2 - 6 - B4B	
				Packaging 2 - 7 - B4B	
				Packaging 2 - 8 - B4B	
				Packaging 2 - 9 - B4B	
				Packaging 2 - 10 - B4B	
				Packaging 2 - 11 - B4B	
				Packaging 2 - 12 - B4B	
				Packaging 2 - 13 - B4B	
				Packaging 2 - 14 - B4B	
				Packaging 2 - 15 - B4B	
				Packaging 2 - 16 - B4B	
				Packaging 2 - 17 - B4B	
				Packaging 2 - 18 - B4B	
				Packaging 2 - 19 - B4B	
				Packaging 2 - 20 - B4B	
				Packaging 2 - 21 - B4B	
				Packaging 2 - 22 - B4B	
				Packaging 2 - 23 - B4B	
				Packaging 2 - 24 - B4B	
				Packaging 2 - 25 - B4B	
				Packaging 2 - 26 - B4B	
				Packaging 2 - 27 - B4B	
				Packaging 2 - 28 - B4B	
				Packaging 2 - 29 - B4B	
				Packaging 2 - 30 - B4B	
				Packaging 2 - 31 - B4B	
				Packaging 2 - 32 - B4B	
				Packaging 2 - 33 - B4B	
				Packaging 2 - 34 - B4B	
				Packaging 2 - 35 - B4B	
155	QC 5	6 pcs	3/18/19	0.00 0.00	QC 5 - 10
					QC 5 - 12
					QC 5 - 17
					QC 5 - 18
					QC 5 - 19
					QC 5 - 22
					QC 5 - 24
					QC 5 - 3
					QC 5 - 38
					QC 5 - 42
					QC 5 - 43
					QC 5 - 49
					QC 5 - 51
					QC 5 - 58
					QC 5 - 68
					QC 5 - 9
					QC 5 - 50
					QC 5 - 30
180	Packaging 3-1 - Stock - B4B	6 pcs	3/18/19	0.00 0.00	Packaging 3 - 1 - B4B
					Packaging 3 - 2 - B4B
					Packaging 3 - 3 - B4B
					Packaging 3 - 4 - B4B
					Packaging 3 - 5 - B4B
					Packaging 3 - 6 - B4B
					Packaging 3 - 7 - B4B
					Packaging 3 - 8 - B4B

MAR 11 2019

MAR 11 2019 **DAS 68**
9-89

				Packaging 3 - 9 - B4B	
				Packaging 3 - 10 - B4B	
				Packaging 3 - 11 - B4B	
				Packaging 3 - 12 - B4B	
				Packaging 3 - 13 - B4B	
				Packaging 3 - 14 - B4B	
				Packaging 3 - 15 - B4B	
				Packaging 3 - 16 - B4B	
				Packaging 3 - 17 - B4B	
				Packaging 3 - 18 - B4B	
				Packaging 3 - 19 - B4B	
				Packaging 3 - 20 - B4B	
				Packaging 3 - 21 - B4B	
				Packaging 3 - 22 - B4B	
				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	CC035
				Packaging 3 - 28 - B4B	SA MAR 12 2019
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
190 QC 21 - SA	6 pcs	3/18/19	0.00 0.00	QC 21 - SA - 21	DAS
				QC 21 - SA - 70	MAR 13 2019 70

Part Op 100 - (Bandsaw) Cut Blank at 19.500" *** ONE BLANK MAKES TWO PARTS***
 Descriptions: 110 - (HAAS CNC Vertical Machine) 1-Machine per folio FB222 DWG REV: B FOLIO REV: B 2-
 deburr and break all sharp edges
 130 - QC8- Inspect parts - second check
 140 - Outsource process- Issue P/O to ATG : _____ HARD ANODIZE COLOR BLACK, PRIME AS PER DWG
 D4842
 150 - Receive & Inspect for Damage & Mat'l Certs
 155 - QC5- Inspect part completeness to step on W/O
 180 - Identify as per dwg & Stock Location: _____
 190 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M7075T6S0.375X5.000	M7075T6S0.375 X 5.000	4.8780 ft (.813 ea)	100-Bandsaw - 1	5138106

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Bandsaw - 1	M7075T6S0.375X5.000	5	36	0

4.886'
 - 4.878'
 0.008'

NAT
 used
 4.876'

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Lower Cutter Deflector	0.340Inches + 0.000 - 0.003	0.340 0.337	0.339	
2	Lower Cutter Deflector	0.040Inches ± 0.030	0.070 0.010	0.04	
3	Lower Cutter Deflector	45.0Degrees ± 0.5	45.5 44.5	45°	
4	Lower Cutter Deflector	0.700Inches ± 0.030	0.730 0.670	0.700	
5	Lower Cutter Deflector	8.650Inches ± 0.030	8.680 8.620	8.650	
6	Lower Cutter Deflector	0.380Inches ± 0.030	0.410 0.350	0.372	
7	Lower Cutter Deflector	0.177Inches + 0.005 - 0.001	0.182 0.176	0.177	
8	Lower Cutter Deflector	0.320Inches ± 0.030	0.350 0.290	0.320	
9	Lower Cutter Deflector	0.630Inches ± 0.030	0.660 0.600	0.630	
10	Lower Cutter Deflector	0.970Inches ± 0.030	1.000 0.940	Radius 0.970	
11	Lower Cutter Deflector	2.110Inches ± 0.005	2.115 2.105	2.110	
12	Lower Cutter Deflector	2.110Inches ± 0.005	2.115 2.105	2.110	
13	Lower Cutter Deflector	0.250Inches ± 0.030	0.280 0.220	Radius 0.25	
14	Lower Cutter Deflector	0.130Inches ± 0.030	0.160 0.100	0.13	
15	Lower Cutter Deflector	45.0Degrees ± 0.5	45.5 44.5	45°	

Plex 1/22/19 3:27 PM Dart.Macdonald.Dara

DAS
52
389

19/02/81



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER PO042712



Supplier: ATG001-VC
A.T.G. Industries Inc
760 INDUSTRIELLE ROAD
ROCKLAND
ON
K4K 1T2 Canada
Phone: 613-446-4544
Fax: 613-446-4556

PO No: PO042712
PO Date: 2/26/19
Due Date: 3/15/19
**Purchase Order
Revision:**
Revision Date:
Ship-To Contact: Tsimiklis, Chrisoula

Attention: Lalande, Marc-Andre

Via: Ground
Pymt Terms: Net 30

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Freight Terms:
Special Comments: * revised *

Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	190113	646.2910	Deflector (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG : Hard Anodize, Color Black / Prime As per Dwg 646.2900 Rev. N/C	Firmed	-	3/15/19	6 pcs	0 pcs	6 pcs	\$50.15/pcs	\$300.90
2	190994	647.3912	Breakaway Tip Wirestrike for Wire Strike Issue P/O to ATG : 1- Black Anodize as per Dwg 647.3900 2- PRIME AS PER DWG, SEE NOTE #9 Certification of Conformity is required	Firmed	-	3/15/19	2 pcs	0 pcs	2 pcs	\$13.60/pcs	\$27.20
	190364			Firmed	-	3/15/19	4 pcs	0 pcs	4 pcs	\$13.60/pcs	\$54.40
Sub Total:							6	0	6		\$81.60
3	189340	D4842-1	Lower Cutter Deflector Outsource process- Issue P/O to ATG : HARD ANODIZE COLOR BLACK, PRIME AS PER DWG D4842	Firmed	-	3/15/19	6 pcs	0 pcs	6 pcs	\$14.20/pcs	\$85.20



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PURCHASE ORDER

PO042712



Items

Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
4	189787	D4842-4	Lower Cutter Body, RH Outsource process- Anodize per QSI017 4.1.10.1 - Issue P/O to ATG :	Firmed	-	3/15/19	6 pcs	0 pcs	6 pcs	\$12.40/pcs	\$74.40
5	186504	D5572-1	Base Bracket, Lower, Cable Cutter, LH : Various STC's Issue P/O to ATG : Black Anodize & Prime as per Dwg. D5572 Certification of Conformity is required.	Firmed	-	3/15/19	6 pcs	0 pcs	6 pcs	\$10.95/pcs	\$65.70
6	186505	D5572-2	Base Bracket, Lower, Cable Cutter, RH : Various STC's Issue P/O to ATG : Black Anodize & Prime as per Dwg. D5572 Certification of Conformity is required.	Firmed	-	3/15/19	6 pcs	0 pcs	6 pcs	\$10.95/pcs	\$65.70



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PURCHASE ORDER PO042712



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
7	190163	647.1710	Plate (Outsource process-Anodize per QSI017 4.1.10.1) Issue P/O to ATG: AS PER MPP-172 SECTION 2.1, HARD ANODIZE COLOR BLACK, PER IAW MIL-A-8625 TYPE 3 CLASS 2 AS PER MPP-172 SECTION 4.2, PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N Certification of Conformity is required	Firmed	-	3/15/19	11 pcs	0 pcs	11 pcs	\$32.40/pcs	\$356.40
Line Item Note asap											
8	189468	SWA6A-700	Wire Clamp (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O to GROUPE ALTECH; PO -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	2/28/19	11 pcs	0 pcs	11 pcs	\$5.65/pcs	\$62.15



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PURCHASE ORDER PO042712



Items											
Line Item	Job	Part	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
9	188810	RBW109-3130-82-103-7	Small Housing -Issue P/O; -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Received	-	2/28/19	4 pcs	4 pcs	0 pcs	\$8.15/pcs	\$0.00
10	188814	RBW109-3130-82-105-13	Handle -Issue P/O; -ANODIZE COLOR CLEAR, PER IAW MIL-A-8625F TYPE 2 CLASS 1, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Received	-	2/28/19	8 pcs	8 pcs	0 pcs	\$8.15/pcs	\$0.00
Grand Total:											\$1,092.05

Order Notes

Procurement Quality Clauses
A005 right of entry
A012 chemical and physical test report
A016 personnel qualification
A017 raw material identification (as applicable)

A022 Apical Processing
A024 process certifications
A026 certification of material conformance

A041 quality management system
A042 dart notification by supplier
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.



A.T.G. Industries Inc.
760 Industrielle Street
Rockland, ON K4K 1T2
Canada

Ph: (613) 446-4544

Fax: (613) 446-4556

Pack List

Number: 917400

Date: 08-Mar-19

To

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ship To

Chrisoula Tsimiklis
Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury, ON K6A 1K7

Ph: 613 632-9577

Fax: 613 632-1053

Ph: 613 632-9577

Fax: 613 632-1053

Terms		Ship Via	
		ATG Delivery	
Quantity	Description		
	Please reference this document's Pack List number on all correspondences regarding this shipment. If you have any questions, please contact us.		
6 ea	Part: D4842-1 Lower Cutter Deflector Hard Black Anodize per MIL-A-8625F, Type III, Class 2, .0005-.0045" (.5 - 4.5mils) Prime per MIL-PRF-23377, Type I, Class N (Customer Supplied), .0001-.0002" (.1 - 2 mils) per drawing. Job: 24701	Rev: B	PO: PO042712 Line: 3
CERTIFICATE OF CONFORMANCE A.T.G Industries Inc. certifies that all items in this shipment conform to the requirements. Date: <u>MAR 08 2019</u> Certified Signature: <u></u> Receiver Signature: _____ A.T.G Industries Inc. is AS9100 Registered and Nadcap Chemical Processing Accredited. Note: This Packing Slip may contain parts that have been PLATED. Items that are plated may be subject to natural tarnishing and it is suggested that they be inspected within 24 hours of receipt.			

Made in Canada.